

### B. Cohesive Termini Formation

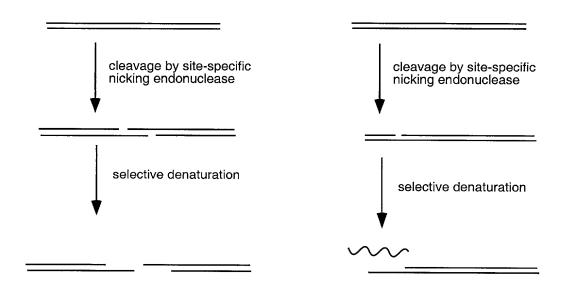


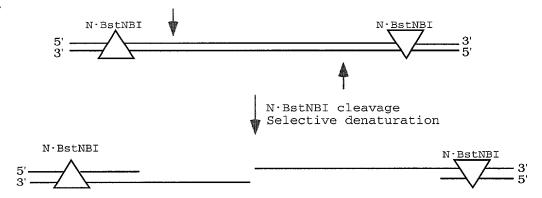
FIG. 1





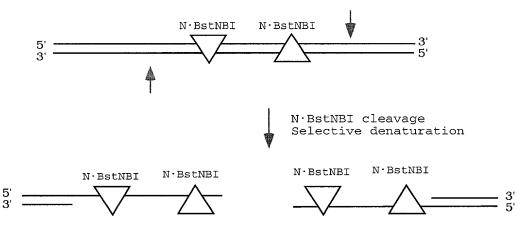
### Creation of 5' Cohesive Ends





#### Creation of 3' Cohesive Ends





### Gap Creation

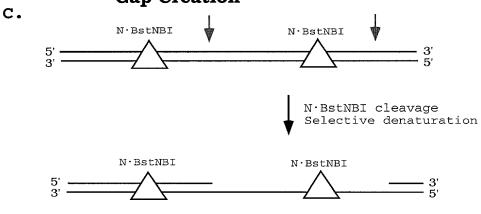
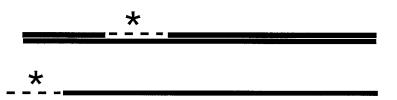
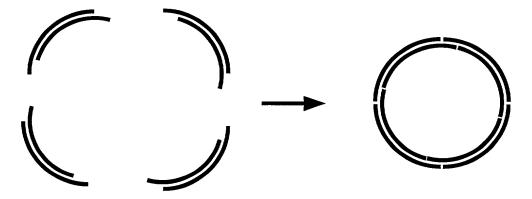


FIG. 2

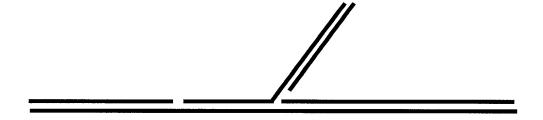




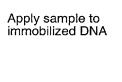
# B. Assembly



## C. Branched Structures



## D. Purification





Wash non-specific DNA from column



FIG. 3

Elute desired DNA by selective denaturation .



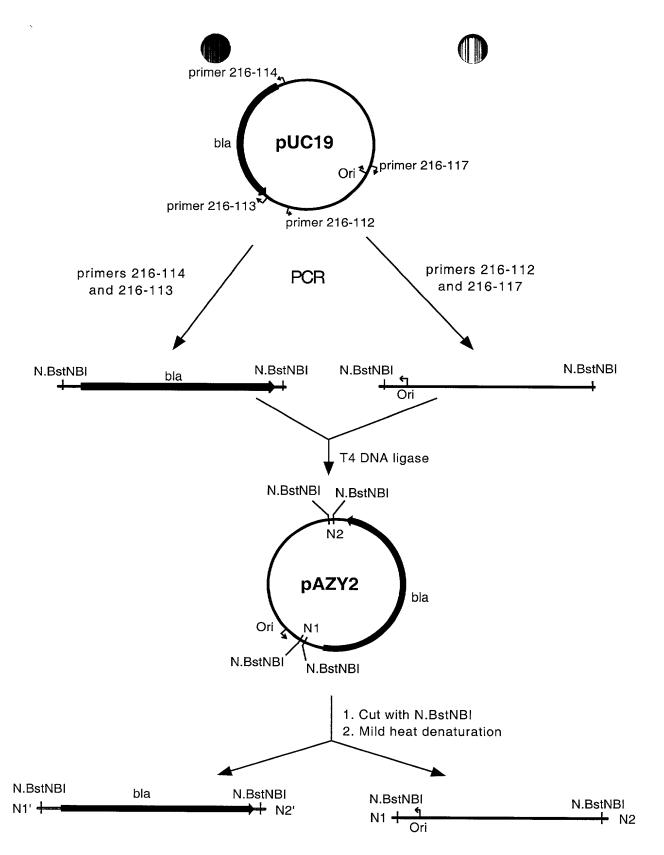


FIG. 4

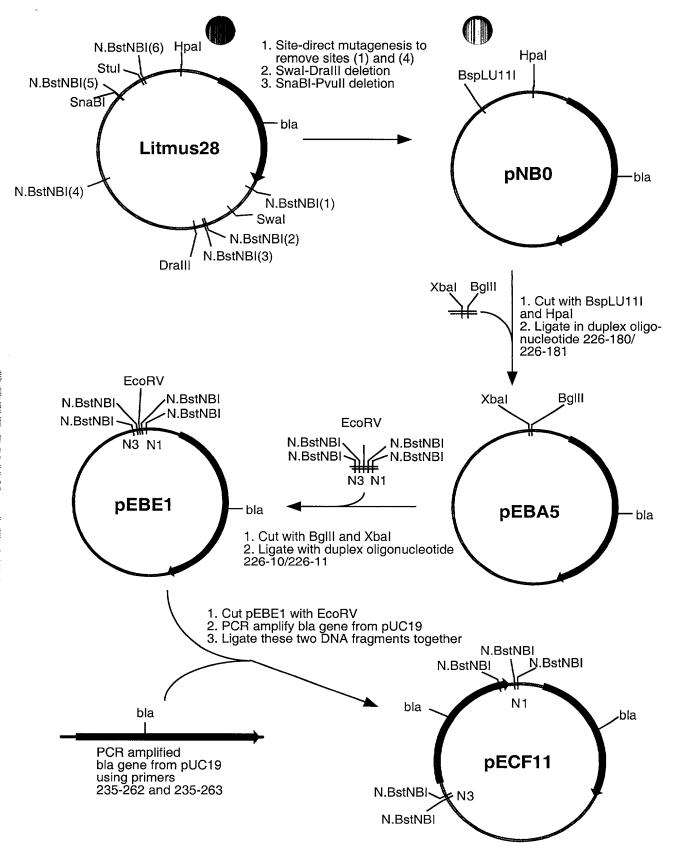
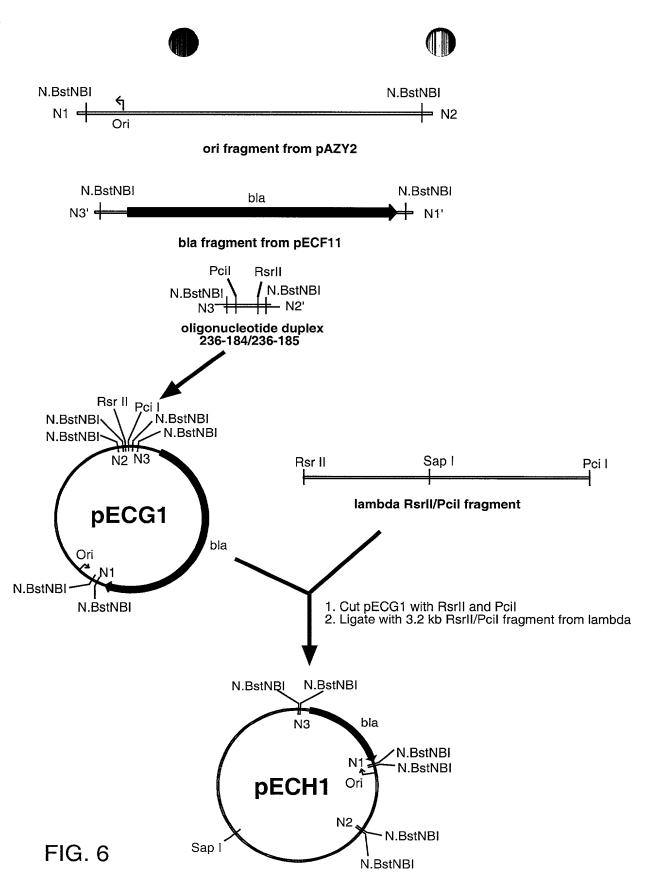


FIG. 5



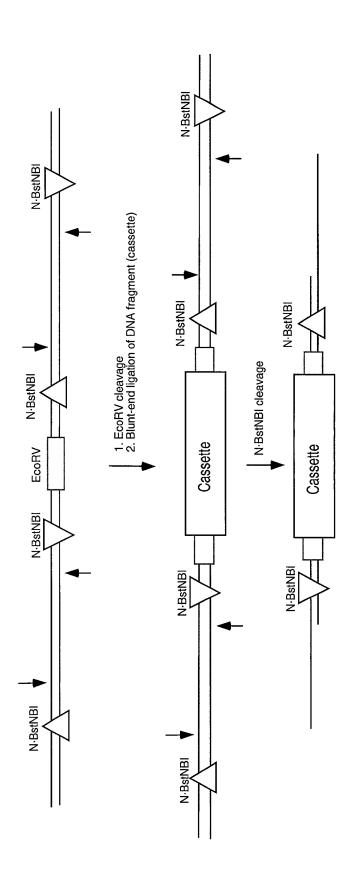


FIG. 7

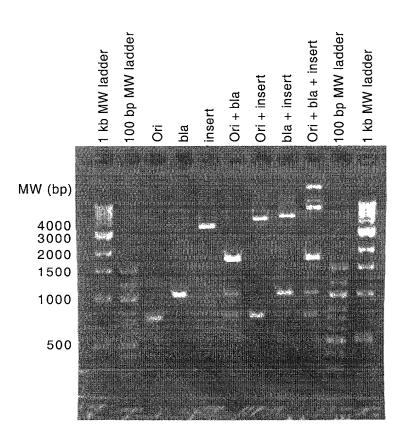


FIG. 8

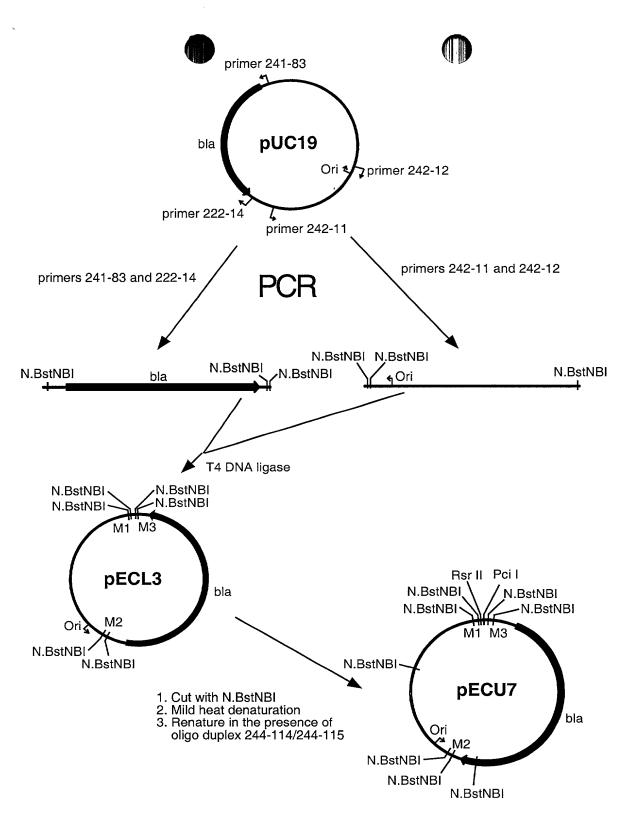


FIG. 9

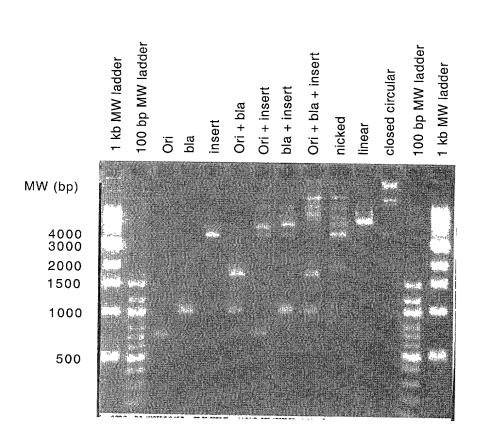


FIG. 10